

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. - 19. (Cancelled)

20. (Currently amended) A system for permanently implanted apparatus implanting a fastener for reducing regurgitation of repairing a cardiac valve in a patient's body, the valve having a plurality of movable leaflets, the leaflets having a superior surface on a first side and an inferior surface on an opposing side, the apparatus system comprising:

a catheter shaft having a proximal end and a distal end; and
a permanently implantable fastener removably connected to the catheter shaft and
including

a pair of articulating arms coupled together and forming an angle therebetween, the articulating arms movable from an open position in which portions of the articulating arms are spaced apart with a first angle therebetween, to a closed position in which the portions of the articulating arms are closer together with a second angle therebetween less than the first angle, and to positions between the open position and the closed position, the pair of articulating arms being configured to engage the inferior surfaces of the leaflets and hold the leaflets in a coapted configuration in which portions of the superior surfaces are facing each other;

a control mechanism operatively coupled to the articulating arms and adapted to open and close the pair of articulating arms, wherein the pair of articulating arms can be closed thereby reducing the angle therebetween, to engage the leaflets and thereafter be opened to allow release of the leaflets;

a central member coupled to the pair of articulating arms and removably coupled to the catheter shaft near the distal end, the catheter shaft adapted for delivering the pair of articulating arms into a heart and detaching from the central member once the articulating arms are engaged with the leaflets, the central member and articulating arms being left in the patient's

body while maintaining the leaflets in the coapted configuration after the catheter shaft has been removed from the patient's body; and

a pair of superior elements movably coupled to the central member, the superior elements being configured to engage the superior surfaces of whereby the leaflets, the superior elements cooperating with the articulating arms to capture and pinch the valve leaflets therebetween thereby affixing the fastener to the valve leaflets may be pinched between the articulating arms and the superior elements and wherein the superior elements are resiliently biased into an extended configuration in which portions of the superior elements are spaced apart from the central member for engaging the superior surfaces of the leaflets.

21. - 66. (Cancelled)

67. (Currently amended) An apparatus for repairing a A system for permanently implanting a fastener for reducing regurgitation of a cardiac valve in a patient's body, the valve having a plurality of moveable leaflets, the leaflets having a superior surface on a first side and an inferior surface on an opposing side, the apparatus system comprising:

a flexible shaft having a proximal end and a distal end; and
a permanently implantable fastener releasably connected to the flexible shaft and
including

a pair of articulating arms coupled together near the distal end of the flexible shaft, forming an angle therebetween and being moveable from an open position in which portions of the articulating arms are spaced apart at a first angle, to a closed position in which the portions of the pair of articulating arms are closer together at a second angle less than the first angle and to positions therebetween, the pair of articulating arms being configured to engage the inferior surfaces of the leaflets and hold the leaflets in a coapted configuration in which portions of the superior surfaces are facing each other;

a control mechanism operatively coupled to the articulating arms and adapted to open and close the pair of articulating arms so as to vary the angle; and

a pair of superior elements movably coupled together and operably connected to the pair of articulating arms, the superior elements configured to engage the superior surfaces whereby the leaflets may be engaged between the articulating arms and the superior elements, wherein the pair of articulating arms and superior elements are moved independently of one another and can be closed to engage the leaflets and thereafter be opened to allow release and recapture of the leaflets prior to disconnection of the fastener from the flexible shaft, implantation of the pair of articulating arms and superior elements in the patient's body while maintaining the leaflets in the coapted configuration once the fastener has been disconnected from after the flexible shaft and the flexible shaft has been removed from the patient's body.

68. - 71. (Cancelled)

72. (Currently amended) An apparatus A system as in claim 20, wherein the central member is configured to be positioned through the valve between the leaflets.

73. (Currently amended) An apparatus A system as in claim 20, wherein the superior elements are coupled to a conduit slidably coupled to the central member.

74. (Currently amended) An apparatus A system as in claim 20, wherein the pair of articulating arms have engaging surfaces for engaging the surfaces of the leaflets.

75. (Currently amended) An apparatus A system as in claim 74, wherein the engaging surfaces have a texture or teeth for enhancing friction.

76. (Currently amended) An apparatus A system as in claim 20, wherein the catheter shaft is flexible and configured for positioning through a blood vessel into the heart.

77. (Currently amended) An apparatus A system as in claim 76, wherein the pair of articulating arms and central member are slidably positionable through an endovascular sheath.

78. (Currently amended) An apparatus A system as in claim 67, wherein the pair of articulating arms have engaging surfaces for engaging the surfaces of the leaflets.

79. (Currently amended) An apparatus A system as in claim 78, wherein the pair of articulating arms engage engages the surfaces of the leaflets without penetration thereof.

80. (Currently amended) An apparatus A system as in claim 78, wherein the engaging surfaces have a texture or teeth for enhancing friction.

81. (Currently amended) An apparatus A system as in claim 67, wherein the pair of articulating arms and the superior elements are slidably positionable through an endovascular sheath.

82. (Currently amended) An apparatus A system as in claim 67, wherein the pair of articulating arms and the superior elements are slidably positionable through a blood vessel into a heart.

83. (Currently amended) An apparatus A system as in claim 67, wherein the control mechanism is adapted to open and close each articulating arm of the pair of articulating arms independently.

84. (Currently amended) An apparatus A system as in claim 67, wherein the control mechanism is adapted to open and close the pair of articulating arms in tandem.

85. (Currently amended) An apparatus A system as in claim 67, wherein the superior elements are resiliently biased.